



2812

PATENT
Attorney Docket No.: SSI-08300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit: 2812
William Dale Jones)	Examiner:
Serial No.: 10/672,264)	<u>TRANSMITTAL LETTER</u>
Filed: September 25, 2003)	162 N. Wolfe Road
For: PROCESSING CHAMBER)	Sunnyvale, CA 94086
INCLUDING A CIRCULATION)	(408) 530-9700
LOOP INTEGRALLY FORMED IN)	Customer No.: 28960
A CHAMBER HOUSING)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

You will also find enclosed the associated Transmittals, Electronic Information Disclosure Statements, and United States Patent and Trademark Office Acknowledgment Receipts for the electronically filed Information Disclosure Statement (EFS ID #53062); (EFS ID #53063); (EFS ID #53069); and (EFS ID #53064) filed on January 2, 2004.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 1-5-04

By: Thomas B. Haverstock
Thomas B. Haverstock
Reg. No.: 32,571

Attorneys for Applicant

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

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HAVERSTOCK & OWENS LLP.

Date: 1-5-04 By: [Signature]



Attorney Docket No.: PATENT
SSI-08300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Group Art Unit: 2812
William Dale Jones) Examiner:
Serial No.: 10/672,264) **INFORMATION DISCLOSURE**
Filed: September 25, 2003) **STATEMENT**
For: **PROCESSING CHAMBER**) 162 N. Wolfe Road
INCLUDING A CIRCULATION) Sunnyvale, CA 94086
LOOP INTEGRALLY FORMED IN) (408) 530-9700
A CHAMBER HOUSING)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

United States Patents or Published Patent Applications have been filed electronically (EFS ID #53062); (EFS ID #53063); (EFS ID #53069); and (EFS ID #53064). Applicants have become aware of the following printed publication which may be material to the examination of this application:

- Chinese Publication No. CN 1399790 A;
- German Publication No. DE 36 08 783 A1;
- German Publication No. DE 198 60 084 A1;
- European Publication No. EP 0 244 951 A2;
- European Publication No. EP 0 272 141 A2;
- European Publication No. EP 0 453 867 A1;
- European Publication No. EP 0 572 913 A1;
- European Publication No. EP 0 587 168 A1;
- European Publication No. EP 0 679 753 B1;

- European Publication No. EP 0 903 775 A2;
French Publication No. FR 1 499 491;
- Great Britain Publication No. GB 2 003 975;
 - Great Britain Publication No. GB 2 193 482;
 - Japanese Patent Abstract JP 2-148841;
 - Japanese Patent Abstract JP 2-209729;
 - Japanese Patent Abstract JP 8-186140;
 - Japanese Patent Abstract JP 10-144757;
 - Japanese Patent Abstract JP 10-335408;
 - Japanese Patent Abstract JP 11-200035;
 - Japanese Patent Abstract JP 56-142629;
 - Japanese Patent Abstract JP 60-238479;
 - Japanese Patent Abstract JP 60-246635;
 - Japanese Patent Abstract JP 61-231166;
 - Japanese Patent Abstract JP 62-125619;
 - Japanese Patent Abstract JP 63-303059;
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 - PCT Publication No. WO 91/12629;
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 - PCT Publication No. WO 00/36635;
 - PCT Publication No. WO 01/10733 A1;
 - PCT Publication No. WO 01/33615 A3;
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 - PCT Publication No. WO 01/78911 A1;
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- Sun, Y.P. et al., "Preparation of Polymer-Protected Semiconductor Nanoparticles Through the Rapid Expansion of Supercritical Fluid Solution," Chemical Physics Letters, pp. 585-588, May 22, 1998;
- Dahmen, N. et al., "Supercritical Fluid Extraction of Grinding and Metal Cutting Waste Contaminated with Oils," Supercritical Fluids - Extraction and Pollution Prevention, ACS Symposium Series, Vol. 670, pp. 270-279, 21 Oct 1997;
- Xu, C. et al., "Submicron-Sized Spherical Yttrium Oxide Based Phosphors Prepared by Supercritical CO₂-Assisted aerosolization and pyrolysis," Appl. Phys. Lett., Vol. 71, No.12, September 22, 1997, pp. 1643-1645;
- Courtecuisse, V.G. et al., "Kinetics of the Titanium Isopropoxide Decomposition in Supercritical Isopropyl Alcohol," Ind. Eng. Chem. Res., Vol. 35, No. 8, pp. 2539-2545, Aug 1996;
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- Ziger, D. H. et al., "Compressed Fluid Technology: Application to RIE-Developed Resists," AiChE Jour., Vol. 33, No. 10, pp. 1585- 1591, October 1987;
- Matson, D.W. et al., "Rapid Expansion of Supercritical Fluid Solutions: Solute Formation of Powders, Thin Films, and Fibers," Ind. Eng. Chem. Res., Vol. 26, No. 11, pp. 2298-2306, 1987;
- Tolley, W.K. et al., "Stripping Organics from Metal and Mineral Surfaces using Supercritical Fluids," Separation Science and Technology, Vol. 22, pp. 1087-1101, 1987;

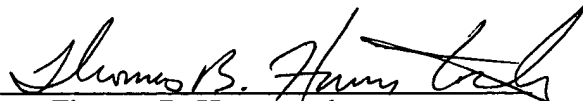
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- Bob Agnew, "WILDEN Air-Operated Diaphragm Pumps", Process & Industrial Training Technologies, Inc., 1996.

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 1-5-04

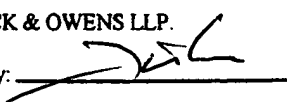
By: 
Thomas B. Haverstock
Reg. No.: 32,571

Attorneys for Applicant

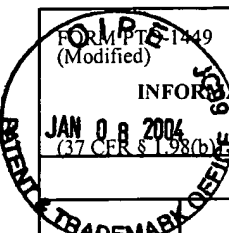
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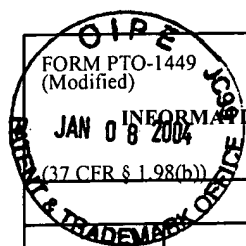
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- 4 -

HAVERSTOCK & OWENS LLP.
Date: 1-5-04 By: 

U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets if Necessary)		Attorney Docket No.: SSI-08300		Serial No.: 10/672,264				
		Applicant: William Dale Jones						
		Filing Date: September 25, 2003		Group Art Unit: 2812				
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	AA	CN 1399790 A	02/26/03	China	H01L	21/00		X
	AB	DE 36 08 783 A1	09/17/87	Germany	C30B	25/12		X
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	BI	WO 01/68279 A2	09/20/01	PCT	B08B	7/00		X
Examiner:				Date Considered:				
EXAMINER:				Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				



U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: SSI-08300

Serial No.: 10/672,264

Applicant: William Dale Jones

Filing Date: September 25, 2003

Group Art Unit: 2812

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	BJ	WO 01/74538 A1	10/11/01	PCT	B24C	1/00		X
	BK	WO 01/78911 A1	10/25/01	PCT	B08B	3/00		X
	BL	WO 01/85391 A2	11/15/01	PCT	B24B			X
	BM	WO 01/94782 A3	12/13/01	PCT	F04B	43/02		X
	BN	WO 02/16051 A2	02/28/02	PCT	B05D			X
	BO	WO 03/030219 A2	10/04/03	PCT	H01L			X

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

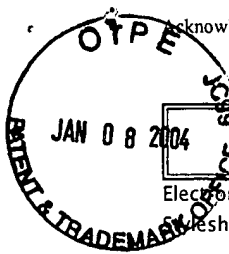
	BP	Hideaki Itakura et al., "Multi-Chamber Dry Etching System", Solid State Technology, April 1982, pp. 209-214.
	BQ	Sun, Y.P. et al., "Preparation of Polymer-Protected Semiconductor Nanoparticles Through the Rapid Expansion of Supercritical Fluid Solution," Chemical Physics Letters, pp. 585-588, May 22, 1998.
	BR	Dahmen, N. et al., "Supercritical Fluid Extraction of Grinding and Metal Cutting Waste Contaminated with Oils," Supercritical Fluids - Extraction and Pollution Prevention, ACS Symposium Series, Vol. 670, pp. 270-279, 21 Oct 1997.
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	BV	McHardy, J. et al., "Progress in Supercritical CO ₂ Cleaning," SAMPE Jour., Vol. 29, No. 5, pp. 20-27, September 1993.
	BW	Purtell, R. et al., "Precision Parts Cleaning using Supercritical Fluids," J. Vac. Sci. Technol. A. Vol. 11, No. 4, July 1993, pp. 1696-1701.
	BX	Hansen, B.N. et al., "Supercritical Fluid Transport - Chemical Deposition of Films," Chem. Mater., Vol. 4, No. 4, pp. 749-752, 1992.
	BY	Hybertson, B.M. et al., "Deposition of Palladium Films by a Novel Supercritical Fluid Transport Chemical Deposition Process," Mat. Res. Bull., Vol. 26, pp. 1127-1133, 1991.
	BZ	Ziger, D. H. et al., "Compressed Fluid Technology: Application to RIE-Developed Resists," AiChE Jour., Vol. 33, No. 10, pp. 1585- 1591, October 1987.
	CA	Matson, D.W. et al., "Rapid Expansion of Supercritical Fluid Solutions: Solute Formation of Powders, Thin Films, and Fibers," Ind. Eng. Chem. Res., Vol. 26, No. 11, pp. 2298-2306, 1987.
	CB	Tolley, W.K. et al., "Stripping Organics from Metal and Mineral Surfaces using Supercritical Fluids," Separation Science and Technology, Vol. 22, pp. 1087-1101, 1987.
	CC	Joseph L. Foszcz, "Diaphragm Pumps Eliminate Seal Problems", Plant Engineering , pp. 1-5, February 1, 1996.
	CD	Bob Agnew, "WILDEN Air-Operated Diaphragm Pumps", Process & Industrial Training Technologies, Inc., 1996.
	CE	
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Examiner:

Date Considered:

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Worksheet Version v1.1.1

Title of Invention	PROCESSING CHAMBER INCLUDING A CIRCULATION LOOP INTEGRALLY FORMED IN A CHAMBER HOUSING										
Submission Type:	Information Disclosure Statement										
Application Number:	10/672264	*10/672264*									
EFS ID:	53063										
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ISYS5	Filename= N/A BusinessRule= Validation System/Function Call Information. #Supporting Msg:Server unable to validate the Confirmaton/Application numbers at this time. They will be checked by PTO personnel later.										
First Named Applicant:	William Jones										
Attorney Docket Number:											
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Page 2 of 2

File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th></tr></thead><tbody><tr><td>us-ids</td><td>SSI08300B-usidst.xml</td><td>10642</td></tr><tr><td>us-ids</td><td>us-ids.dtd</td><td>7763</td></tr><tr><td>us-ids</td><td>us-ids.xsl</td><td>12026</td></tr><tr><td>package-data</td><td>SSI08300B-pkda.xml</td><td>1767</td></tr><tr><td>package-data</td><td>package-data.dtd</td><td>27025</td></tr><tr><td>package-data</td><td>us-package-data.xsl</td><td>19263</td></tr><tr><td colspan="2">Total files size</td><td>78486</td></tr></tbody></table>	Doc. Name	File Name	Size (Bytes)	us-ids	SSI08300B-usidst.xml	10642	us-ids	us-ids.dtd	7763	us-ids	us-ids.xsl	12026	package-data	SSI08300B-pkda.xml	1767	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263	Total files size		78486
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TRANSMITTAL		
Electronic Version v1.1 Stylesheet Version v1.1.0		
Title of Invention	PROCESSING CHAMBER INCLUDING A CIRCULATION LOOP INTEGRALLY FORMED IN A CHAMBER HOUSING	
Application Number:	10/672264 *10/672264*	
Date:	2003-09-25	
First Named Applicant:	William Dale Jones	
Confirmation Number:	8802	
Attorney Docket Number:		
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Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

Documents being submitted	Files
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Comments	

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version
Stylesheet Version v18.0Title of Invention: PROCESSING CHAMBER INCLUDING A CIRCULATION LOOP
INTEGRALLY FORMED IN A CHAMBER HOUSING

Application Number: 10/672264 *10/672264*

Confirmation Number: 8802

First Named Applicant: William Jones

Attorney Docket Number:

Search string: (5193560 or 5195878 or 5213485 or 5221019 or 5222876 or 5224504 or 5236669 or 5237824 or 5240390 or 5243821 or 5246500 or 5251776 or 5267455 or 5280693 or 5285352 or 5288333 or 5313965 or 5314574 or 5328722 or 5337446 or 5339844 or 5355901 or 5368171 or 5370741 or 5377705 or 5401322 or 5404894 or 5412958 or 5417768 or 5433334 or 5447294 or 5503176 or 5505219 or 5509431 or 5526834 or 5533538 or 5571330 or 5589224 or 5621982 or 5629918 or 5644855 or 5649809 or 5656097 or 5669251 or 5702228 or 5706319 or 5746008 or 5797719 or 5798126 or 5881577).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5193560	1993-03-16	Tanaka et al.			
	2	5195878	1993-03-23	Sahliavo et al.			
	3	5213485	1993-05-25	Wilden			
	4	5221019	1993-06-22	Pechacek			
	5	5222876	1993-06-29	Budde			
	6	5224504	1993-07-06	Thompson et al.			
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43	5656097	1997-08-12	Olesen et al.
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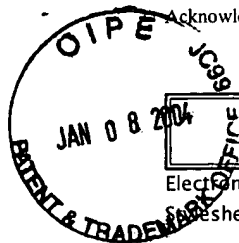
Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal.
The current electronic filing contains part 2 out of a total of 4 electronic filings.

Signature

Examiner Name	Date



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ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1
Worksheet Version v1.1.1

Title of Invention	PROCESSING CHAMBER INCLUDING A CIRCULATION LOOP INTEGRALLY FORMED IN A CHAMBER HOUSING										
Submission Type:	Information Disclosure Statement										
Application Number:	10/672264	*10/672264*									
EFS ID:	53064										
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First Named Applicant:	William Jones										
Attorney Docket Number:											
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Electronic Version v1.1.0		
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Application Number:	10/672264 *10/672264*	
Date:	2003-09-25	
First Named Applicant:	William Dale Jones	
Confirmation Number:	8802	
Attorney Docket Number:		
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

Documents being submitted

us-ids

Files

SSI08300D-usidst.xml

us-ids.dtd

us-ids.xsl

Comments

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v1.8

Stylesheet Version v1.8

Title of
InventionPROCESSING CHAMBER INCLUDING A CIRCULATION LOOP
INTEGRALLY FORMED IN A CHAMBER HOUSING

Application Number: 10/672264

10/672264

Confirmation Number: 8802

First Named Applicant: William Jones

Attorney Docket Number:

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	1	5882165	1999-03-16	Maydan et al.			
	2	5888050	1999-03-30	Fitzgerald et al.			
	3	5898727	1999-04-27	Fujikawa et al.			
	4	5900107	1999-05-04	Murphy et al.			
	5	5904737	1999-05-18	Preston et al.			
	6	5928389	1999-07-27	Jevtic			
	7	5932100	1999-08-03	Yager et al.			

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20	6056008	2000-05-02	Adams et al.	
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26	6097015	2000-08-01	McCullough et al.	
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29	6159295	2000-12-12	Maskara et al.	
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31	6186722	2001-02-13	Shirai	B1
32	6203582	2001-03-20	Berner et al.	B1
33	6216364	2001-04-17	Tanaka et al.	B1
34	6228563	2001-05-08	Starov et al.	B1
35	6235634	2001-05-22	White et al.	B1
36	6239038	2001-05-29	Wen	B1
37	6241825	2001-06-05	Wytman	B1
38	6251250	2001-06-26	Keigler	B1
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44	6344174	2002-02-05	Miller et al.	B1
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50	6464790	2002-10-15	Shertinsky et al.	B1

Remarks

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Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	PROCESSING CHAMBER INCLUDING A CIRCULATION LOOP INTEGRALLY FORMED IN A CHAMBER HOUSING										
Submission Type:	Information Disclosure Statement										
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First Named Applicant:	William Jones										
Attorney Docket Number:											
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From:	us										

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1/2/2004

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Page 2 of 2

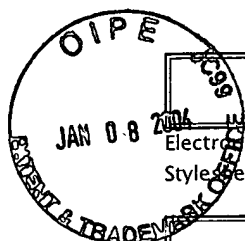
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Application Number:	10/672264 *10/672264*						
Date:	2003-09-25						
First Named Applicant:	William Dale Jones						
Confirmation Number:	8802						
Attorney Docket Number:							
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>							
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Submitted by:	Elec. Sign.	Sign. Capacity					
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Documents being submitted	Files
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Comments	



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ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1
StyleSheet Version v1.1.1

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First Named Applicant:	William Jones										
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Electronic Version v1.1 Stylesheet Version v1.1.0		
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Submitted by:	Elec. Sign.	Sign. Capacity
Thomas B. Haverstock	/tbh/	Attorney
Registered Number:	32571	

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Invention

PROCESSING CHAMBER INCLUDING A CIRCULATION LOOP
INTEGRALLY FORMED IN A CHAMBER HOUSING

Application Number: 10/672264

10/672264

Confirmation Number: 8802

First Named Applicant: William Jones

Attorney Docket Number:

Search string: (2617719 or 2625886 or 3744660 or 3968885 or 4029517 or
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US Patent Documents

Note: Applicant Is not required to submit a paper copy of cited US Patent Documents

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	3	3744660	1973-07-10	Gaines et al.			
	4	3968885	1976-07-13	Hassan et al.			
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	6	4091643	1978-05-30	Zucchini			
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Remarks

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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**PROCESSING CHAMBER INCLUDING A CIRCULATION LOOP
INTEGRALLY FORMED IN A CHAMBER HOUSING**

Application Number:

10/672264

10/672264

Confirmation Number:

8802

First Named Applicant:

William Jones

Attorney Docket Number:

(6521466 or 6541278 or 6546946 or 6550484 or 6558475 or
6561213 or 6561220 or 6561481 or 6561767 or 6564826 or
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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6521466	2002-02-18	Castrucci	B1		
	2	6541278	2003-04-01	Morita et al.	B1		
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	1	20020001929	2002-01-03	Biberger et al.	A1		

Remarks

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